

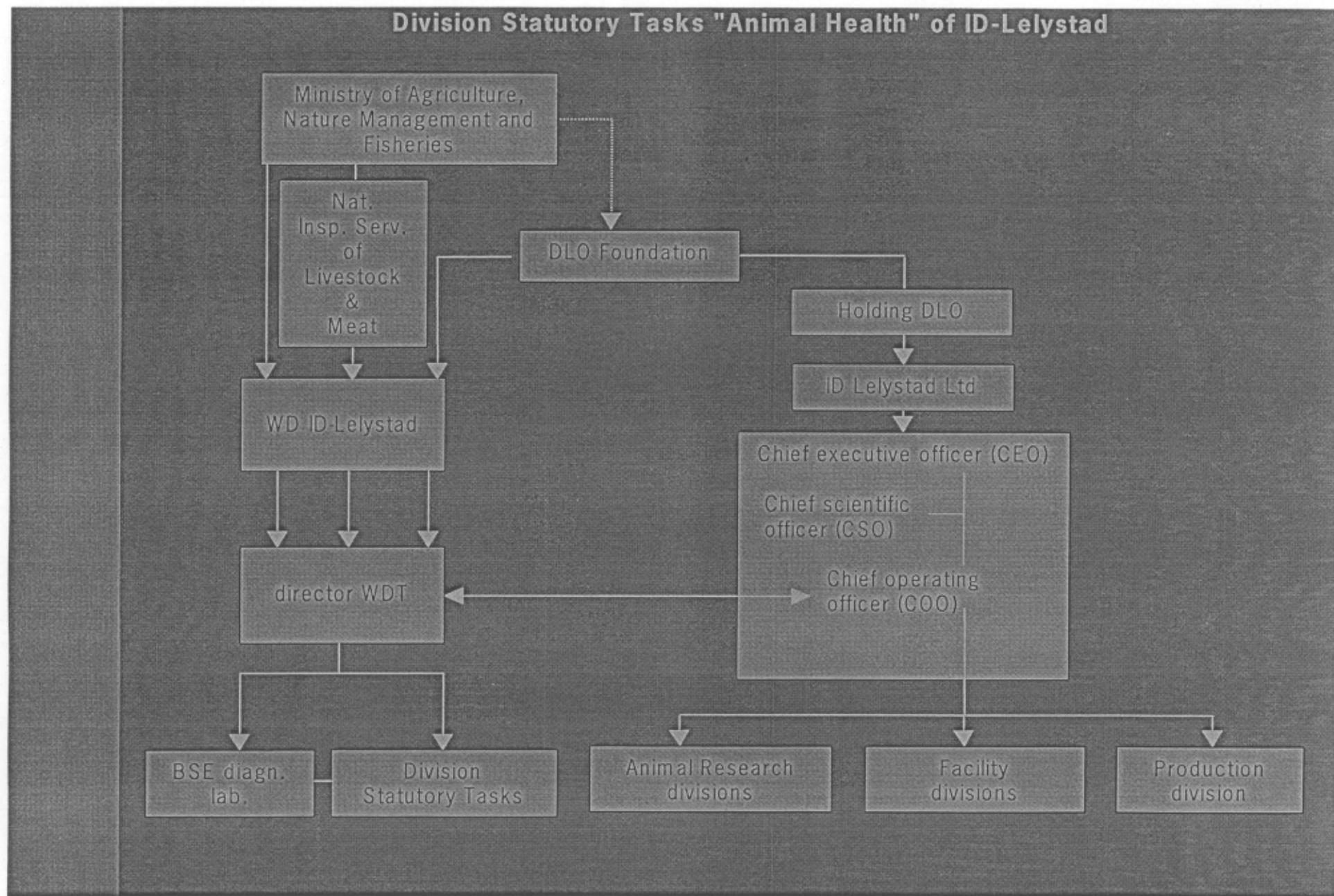
FMDV diagnostics

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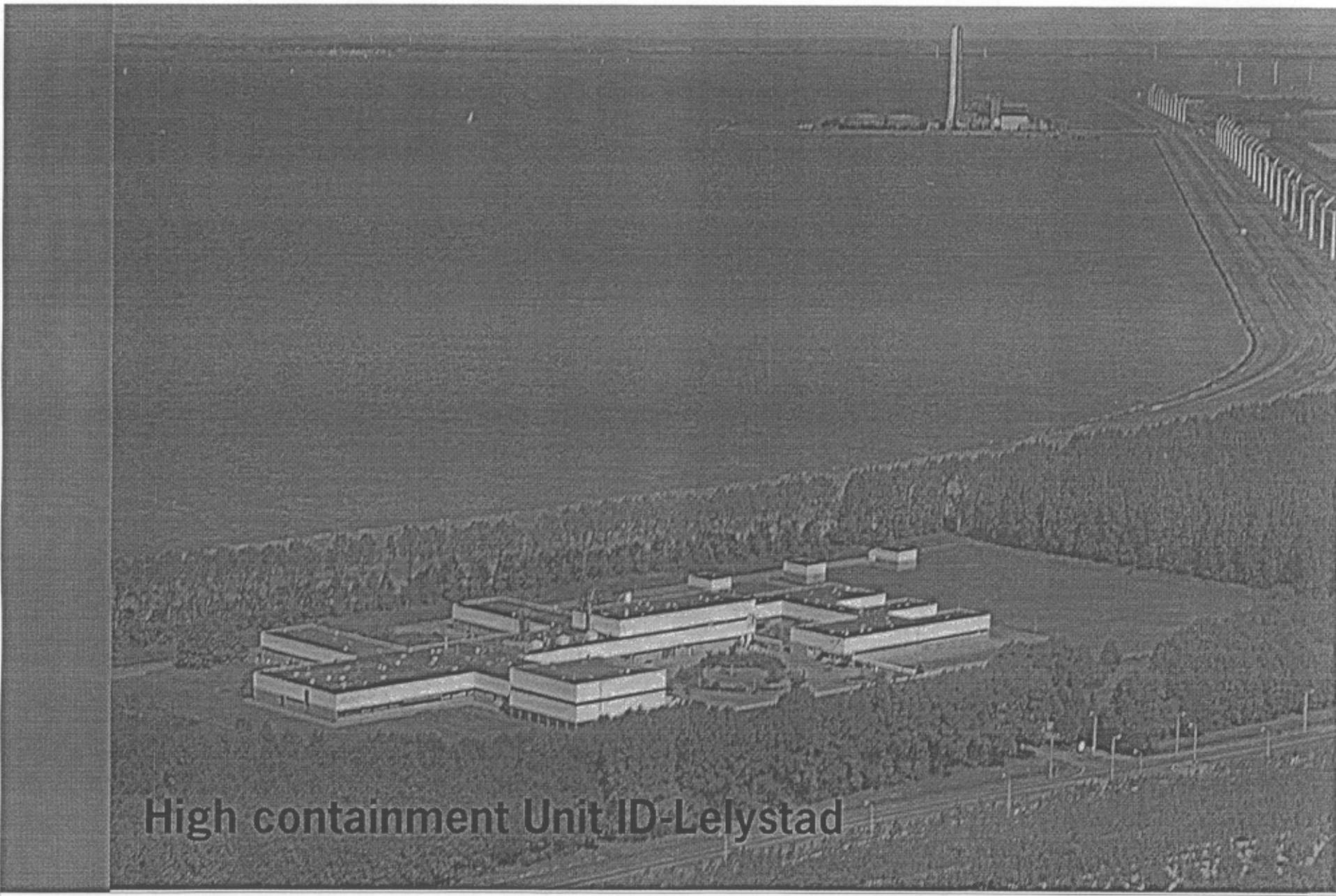
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Division statutory tasks Animal Health

- Prevention and control of notifiable diseases: BSE/Scrapie, CSFV, FMDV, TBC, A.influenza, Rabies etc.
- Animal health, Food safety, Public health
- Registration of veterinary medicines
- Stock of vaccines for emergency vaccination





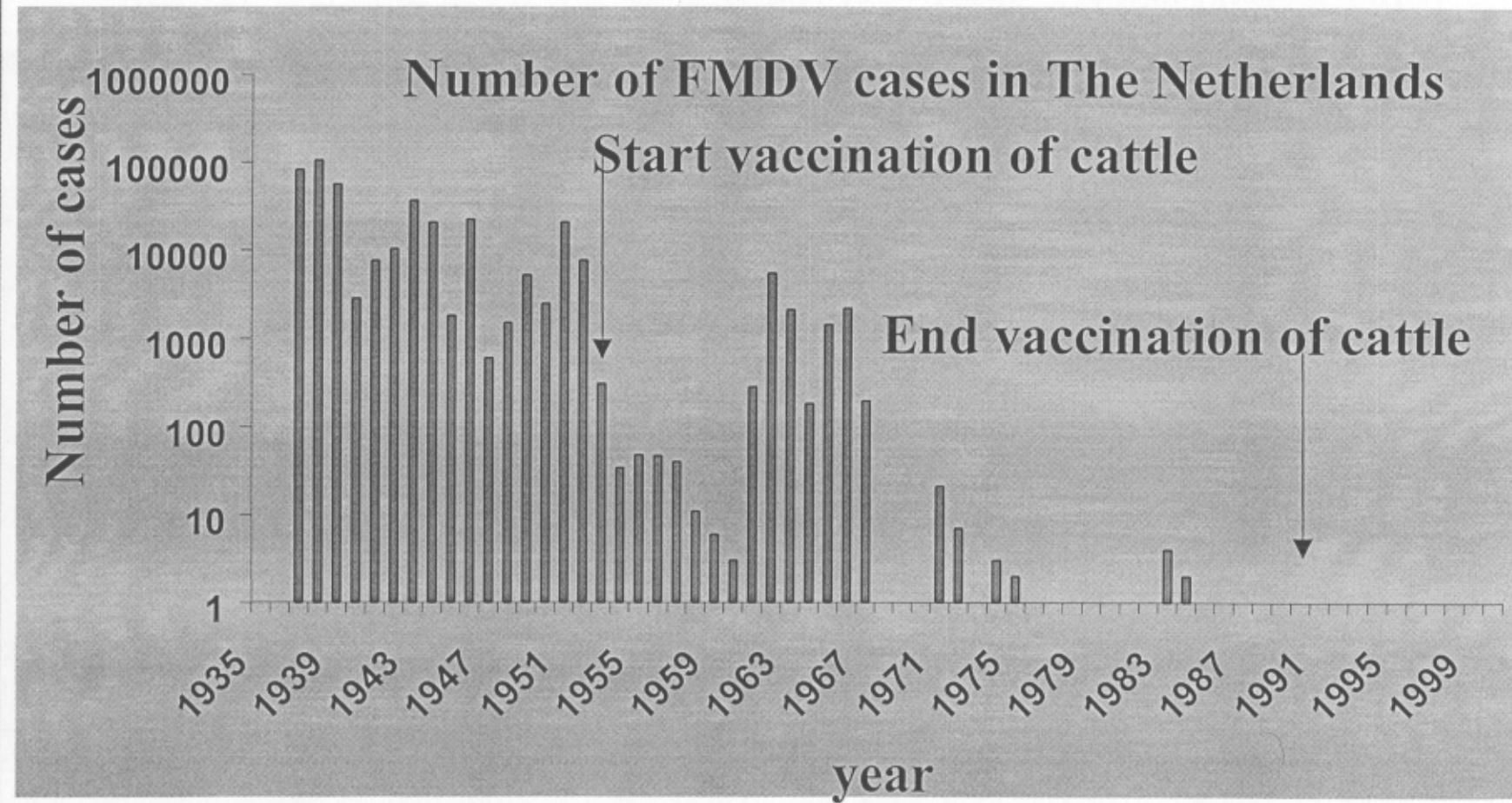
High containment Unit ID-Lelystad



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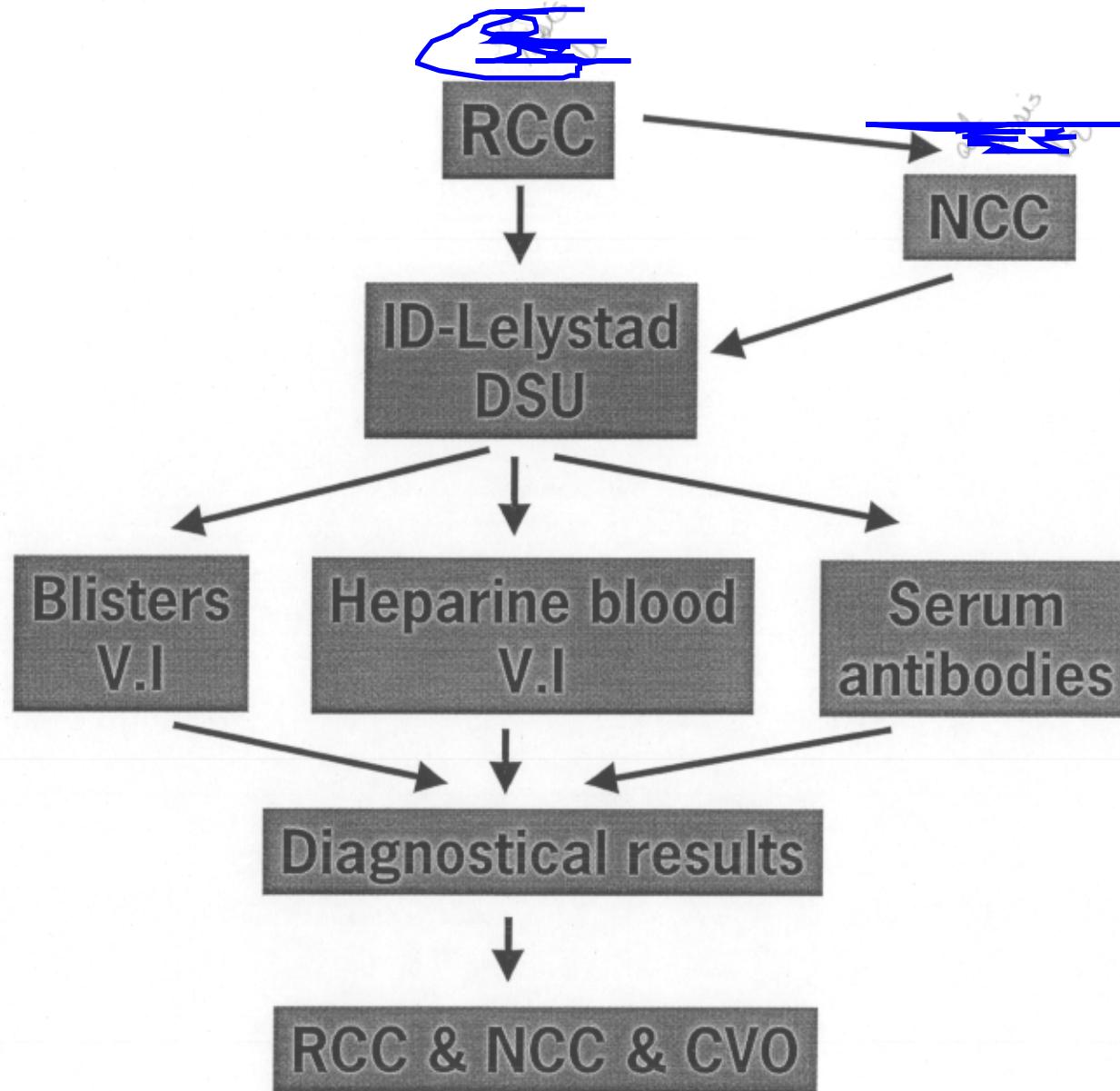
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FMDV eradication in The Netherlands



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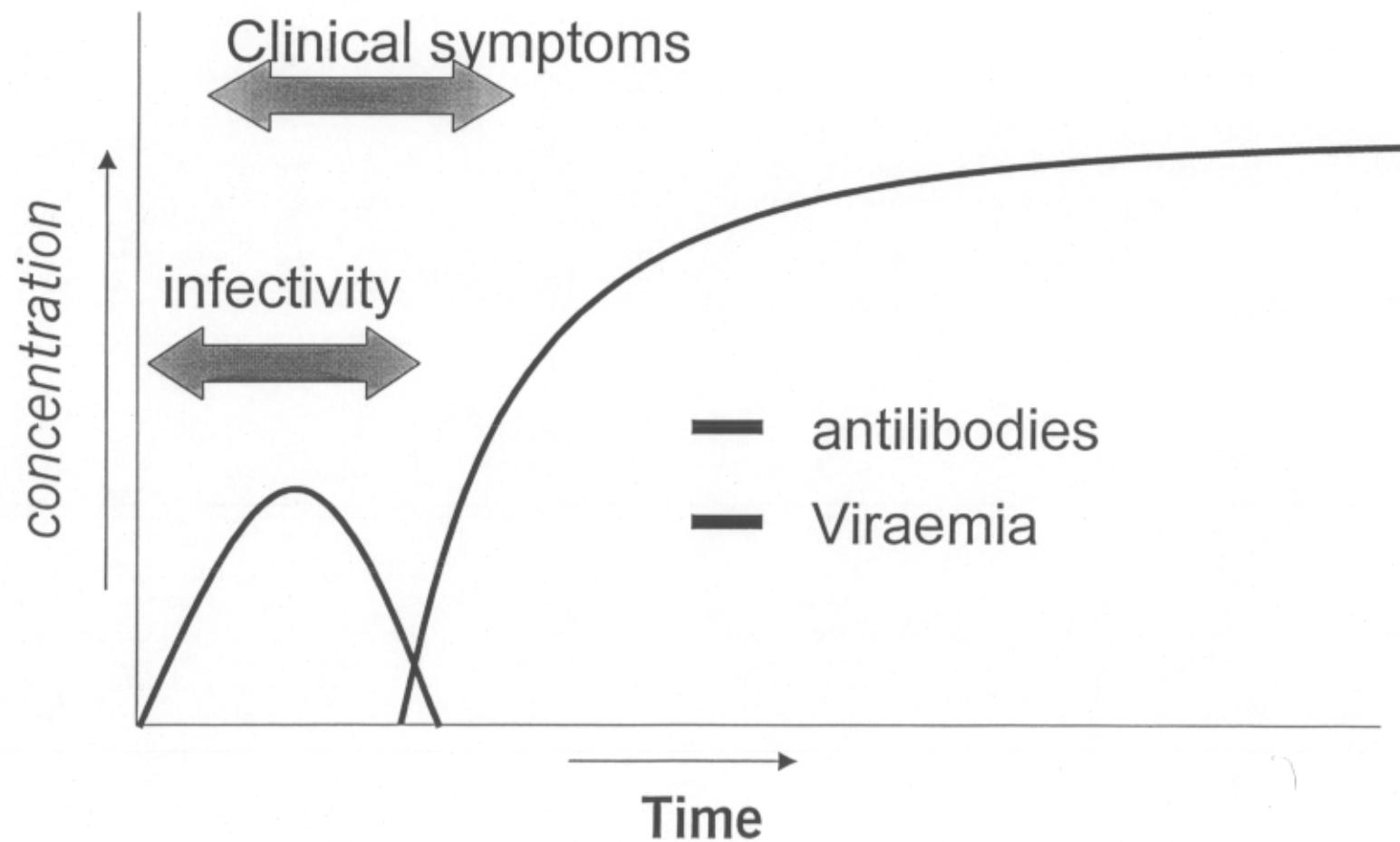
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Kinetics of FMDV infection



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Laboratory diagnostics (1)

- Suspected cases or exclusion of FMDV
 - \pm 140 submissions of blisters and heparine blood
 - antigen / virus detection
 - IDAS ELISA (only when sufficient material available)
 - virus isolation
 - (PCR)



Laboratory diagnostics (2)

- Screening and tracing (antibody detection) during and after the outbreak period ± 200.000 samples
 - Virus neutralisation assay (ELISA)



Emergency vaccination

- Prevention of FMDV transmission between farms



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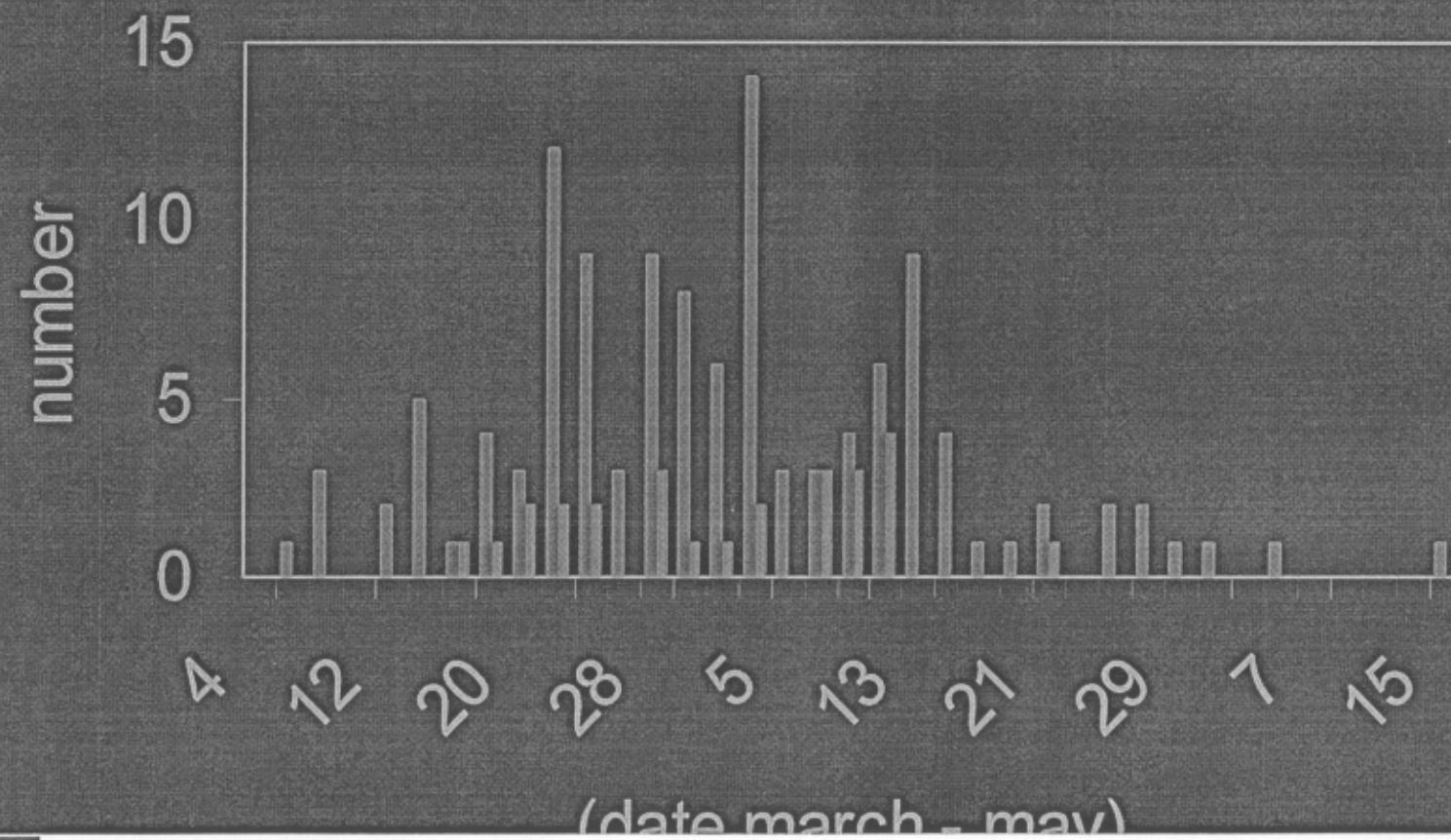
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Number of suspected submissions and cases



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Type of farms

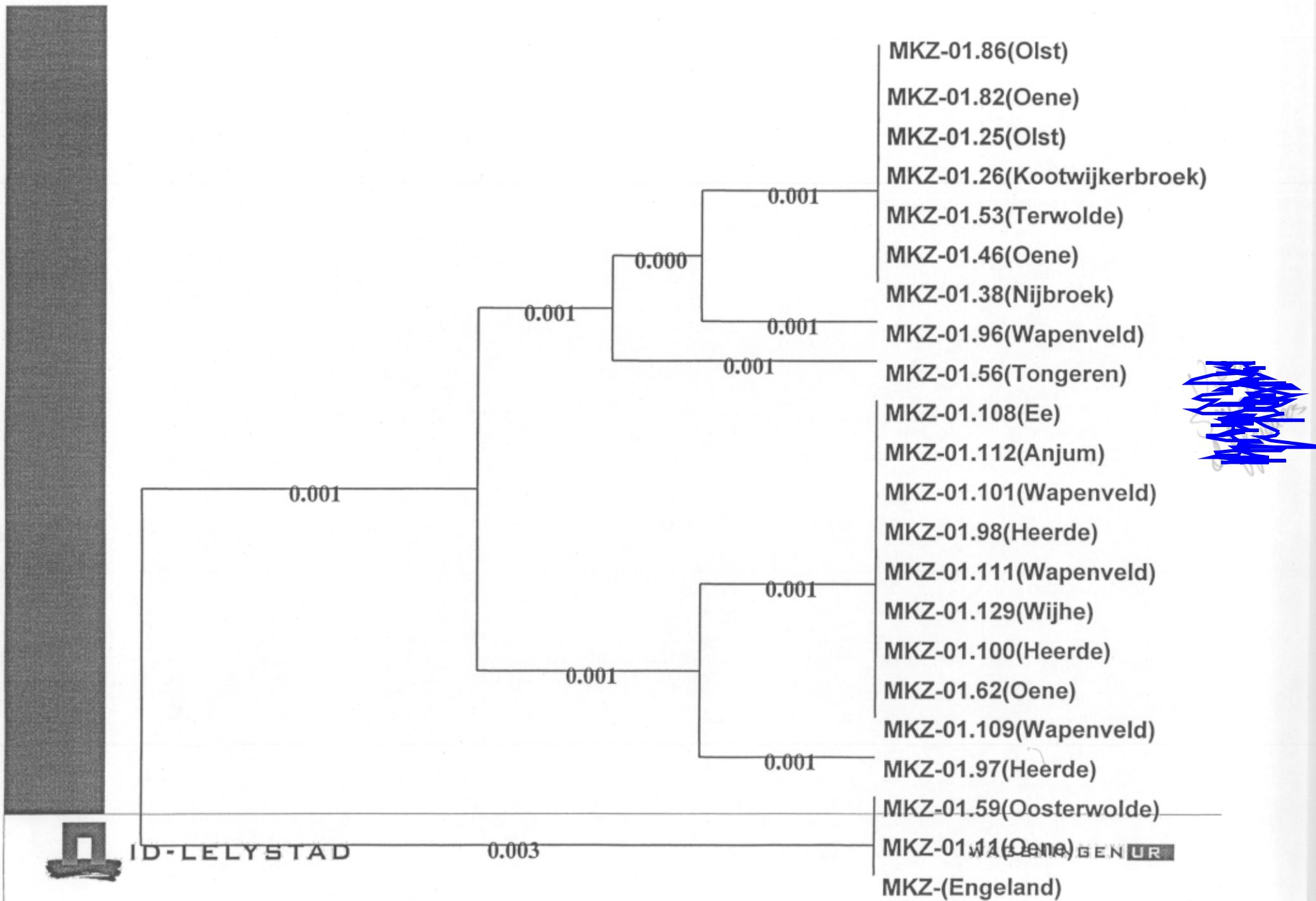
Suspected

- Cattle 77
- Swine 7
- Sheep 8
- Goat 25
- Misc 3 *deer, llama*

Infected

- Cattle 22
- Swine 0
- Sheep 0 (1)
- Goat 2
- Veal calf 2





Surveillance after the outbreak period

- Regular visits practitioners
- Serological surveillance of sheep and veal calves



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